



WEST Search History

DATE: Monday, February 10, 2003

Set Name Query
side by sideHit Count Set Name
result set*DB=USPT; PLUR=YES; OP=ADJ*

L15	Frazer .in. and papillomavirus	7	L15
L14	Frazer I.in.	0	L14
L13	papillomavirus adj E2 and method.clm.	30	L13
L12	papillomavirus and E2 and method.clm.	231	L12
L11	L8 and method.clm.	46	L11
L10	L8 and method	65	L10
L9	papillomavirus and E2 and HPV16.clm.	11	L9
L8	papillomavirus and E2.clm.	65	L8
L7	papillomavirus and E2	351	L7

DB=EPAB; PLUR=YES; OP=ADJ

L6	papillomavirus and E2.clm.	0	L6
L5	papillomavirus and E2	11	L5
L4	Hu y x.in.	0	L4

DB=JPAB; PLUR=YES; OP=ADJ

L3	Hu y x.in.	0	L3
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DB=DWPI; PLUR=YES; OP=ADJ

L2	Hu y x.in.	1	L2
L1	Hu x y.in.	0	L1

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 6 of 6 returned.**☐ 1. Document ID: US 5989548 A

L1: Entry 1 of 6

File: USPT

Nov 23, 1999

US-PAT-NO: 5989548

DOCUMENT-IDENTIFIER: US 5989548 A

TITLE: Peptide-based composition against papillomavirus infection

DATE-ISSUED: November 23, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Dillner; Joakim</u>	Danderyd			SE

US-CL-CURRENT: 424/184.1; 424/185.1, 530/300, 530/403, 536/23.72, 930/220

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 5932412 A

L1: Entry 2 of 6

File: USPT

Aug 3, 1999

US-PAT-NO: 5932412

DOCUMENT-IDENTIFIER: US 5932412 A

TITLE: Synthetic peptides in human papillomaviruses 1, 5, 6, 8, 11, 16, 18, 31, 33 and 56, useful in immunoassay for diagnostic purposes

DATE-ISSUED: August 3, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Dillner; Joakim</u>	Stockholm			SE
Dillner; Lena	Stockholm			SE
Cheng; Hwee-Ming	Kuala Lumpur			MY

US-CL-CURRENT: 435/5; 435/7.1, 436/64, 436/813, 530/321, 530/325, 530/326, 530/388.4, 530/389.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 3. Document ID: US 5629146 A

L1: Entry 3 of 6

File: USPT

May 13, 1997

US-PAT-NO: 5629146

DOCUMENT-IDENTIFIER: US 5629146 A

TITLE: Method for detection of human papillomavirus (HPV) for diagnostic purposes

DATE-ISSUED: May 13, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Dillner; Joakim</u>	Stockholm			SE
Dillner; Lena	Stockholm			SE

US-CL-CURRENT: 435/5; 435/7.92, 436/513, 436/518, 436/813

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw. Desc	Image									

☐ 4. Document ID: US 5486453 A

L1: Entry 4 of 6

File: USPT

Jan 23, 1996

US-PAT-NO: 5486453

DOCUMENT-IDENTIFIER: US 5486453 A

TITLE: Antibodies to human papillomavirus latent proteins, diagnostic systems and methods

DATE-ISSUED: January 23, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Dillner; Joakim</u>	Stockholm			SE
Lerner; Richard A.	La Jolla	CA		
Smith; Richard	Del Mar	CA		
Parks; D. Elliot	Del Mar	CA		

US-CL-CURRENT: 435/5; 435/7.92, 435/975, 436/518, 436/548

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw. Desc	Image									

☐ 5. Document ID: US 5401627 A

L1: Entry 5 of 6

File: USPT

Mar 28, 1995

US-PAT-NO: 5401627

DOCUMENT-IDENTIFIER: US 5401627 A

TITLE: Antibodies to human papillomavirus latent proteins, diagnostic systems and methods

DATE-ISSUED: March 28, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dillner; Joakim	Stockholm			SE
Lerner; Richard A.	La Jolla	CA		
Smith; Richard	Del Mar	CA		
Parks; D. Elliot	Del Mar	CA		

US-CL-CURRENT: 435/5; 435/339, 436/518, 436/548, 530/387.9, 530/388.3, 530/389.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw. Desc	Image									

☐ 6. Document ID: US 5180806 A

L1: Entry 6 of 6

File: USPT

Jan 19, 1993

US-PAT-NO: 5180806

DOCUMENT-IDENTIFIER: US 5180806 A

TITLE: Polypeptides and compositions of human papillomavirus latent proteins, diagnostic systems and methods

DATE-ISSUED: January 19, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dillner; Joakim	Stockholm			SE
Lerner; Richard A.	La Jolla	CA		
Smith; Richard	Del Mar	CA		
Parks; D. Elliot	Del Mar	CA		

US-CL-CURRENT: 530/326; 530/324, 530/325

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw. Desc	Image									

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Terms	Documents
Dillner Joakim.in. and papillomavirus	6

Display Format:

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WEST Search History

DATE: Monday, February 10, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=DWPI; PLUR=YES; OP=ADJ</i>			
L4	"DICNTMHYTNWTHIYICEE"	0	L4
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
L3	"DICNTMHYTNWTHIYICEE"	0	L3
L2	DICNTMHYTNWTHIYICEE	0	L2
L1	Dillner Joakim.in. and papillomavirus	6	L1

END OF SEARCH HISTORY

WEST**End of Result Set**

Generate Collection

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L1: Entry 1 of 1

File: DWPI

Oct 18, 2001

DERWENT-ACC-NO: 2002-010888
DERWENT-WEEK: 200213
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TITLE: New peptides derived from E2, E6 or E7 early coding regions of human papillomavirus 16 and 18, useful in diagnosis of human papillomavirus infection and associated malignancy e.g. cervical carcinoma

INVENTOR: HU, Y X

PRIORITY-DATA: 2000US-194796P (April 5, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200177142 A1	October 18, 2001	E	028	C07K004/02
AU 200151394 A	October 23, 2001		000	C07K004/02

INT-CL (IPC): C07 K 4/02; C12 Q 1/70; G01 N 33/53; G01 N 33/536; G01 N 33/566

ABSTRACTED-PUB-NO: WO 200177142A

BASIC-ABSTRACT:

NOVELTY - A peptide derived from the E2, E6 or E7 early coding region of human papillomavirus (HPV) 16 and 18, which is soluble in aqueous solution and has a lysine or cysteine residue near the amino terminus, very few tryptophan, methionine and cysteine residues, and/or many glycine and asparagine residues, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for diagnosing the presence of antibodies to HPV using the peptides, by reacting a body fluid/tissue sample with the novel peptide and detecting formation of antibody-peptide complex.

USE - The peptides and diagnostic method are used to diagnose HPV infection, especially infection with oncogenic HPV by using peptides derived from the E2 region, since HPV 16 and 18 are the main HPV genetic types associated with cancers, and presence of antibodies to E2 protein is known to provide evidence of HPV infection. They are also useful to diagnose HPV associated malignancy/premalignancy, especially carcinoma by using peptides derived from the E6 or E7 regions, since E6 and E7 are thought to be tumor-specific antigens. The peptides and diagnostic method are especially useful to diagnose cervical carcinoma (e.g. adenocarcinoma of the uterine cervix) and any HPV associated epithelial cell abnormality (e.g. koilocytosis) (All claimed). They are also used to detect head and neck cancers, small cell lung cancers, penal and anal squamous cell carcinomas and melanoma.

ABSTRACTED-PUB-NO: WO 200177142A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/6



PubMed	Nucleotide	Protein	Genome	Structure	PMC	Taxonomy	OMIM	Bo
Search PubMed	<input type="checkbox"/> for Hu YX				Go	Clear		
Limits	Preview/Index	History	Clipboard	Details				

Display	Summary	<input type="checkbox"/>	Show: 20	<input type="checkbox"/>	Sort	<input type="checkbox"/>	Send to	Text	<input type="checkbox"/>
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Entrez PubMed

- ☐ **1:** Hu YX, Guo JY, Shen L, Chen Y, Zhang ZC, Zhang YL. [Related Articles, Links](#)
Get effective polyclonal antisera in one month.
Cell Res. 2002 Jun;12(2):157-60.
PMID: 12118942 [PubMed - indexed for MEDLINE]

PubMed Services

- ☐ **2:** Yang P, Gao BC, Wiscombe WJ, Mishchenko MI, Platnick SE, Huang HL, Baum BA, Hu YX, Winker DM, Tsay SC, Park SK. [Related Articles, Links](#)
Inherent and apparent scattering properties of coated or uncoated spheres embedded in an absorbing host medium.
Appl Opt. 2002 May 20;41(15):2740-59.
PMID: 12027161 [PubMed - as supplied by publisher]

Related Resources

- ☐ **3:** Hladik F, Bender S, Akridge RE, Hu YX, Galloway C, Francis D, McElrath MJ. [Related Articles, Links](#)
Recombinant HIV-1 glycoprotein 120 induces distinct types of delayed hypersensitivity in persons with or without pre-existing immunologic memory.
J Immunol. 2001 Mar 1;166(5):3580-8.
PMID: 11207319 [PubMed - indexed for MEDLINE]

- ☐ **4:** Hu YX, Watanabe H, Li P, Wang Y, Ohtsubo K, Yamaguchi Y, Sawabu N. [Related Articles, Links](#)
An immunohistochemical analysis of p27 expression in human pancreatic carcinomas.
Pancreas. 2000 Oct;21(3):226-30.
PMID: 11039465 [PubMed - indexed for MEDLINE]

- ☐ **5:** Watanabe H, Ha A, Hu YX, Ohtsubo K, Yamaguchi Y, Motoo Y, Okai T, Toya D, Tanaka N, Sawabu N. [Related Articles, Links](#)
K-ras mutations in duodenal aspirate without secretin stimulation for screening of pancreatic and biliary tract carcinoma.
Cancer. 1999 Oct 15;86(8):1441-8.
PMID: 10526271 [PubMed - indexed for MEDLINE]

- ☐ **6:** Hu YX, Watanabe H, Ohtsubo K, Yamaguchi Y, Ha A, Motoo Y, Okai T, Sawabu N. [Related Articles, Links](#)
Bcl-2 expression related to altered p53 protein and its impact on the progression of human pancreatic carcinoma.
Br J Cancer. 1999 Jun;80(7):1075-9.

PMID: 10362119 [PubMed - indexed for MEDLINE]

- ☐ **7:** [Watanabe H, Yamaguchi Y, Ha A, Hu YX, Motoo Y, Okai T, Yoshimura T, Sawabu N.](#) [Related Articles, Links](#)

Quantitative determination of K-ras mutations in pancreatic juice for diagnosis of pancreatic cancer using hybridization protection assay.

Pancreas. 1998 Nov;17(4):341-7.

PMID: 9821175 [PubMed - indexed for MEDLINE]

- ☐ **8:** [Hu YX, Watanabe H, Ohtsubo K, Yamaguchi Y, Ha A, Okai T, Sawabu N.](#) [Related Articles, Links](#)

Frequent loss of p16 expression and its correlation with clinicopathological parameters in pancreatic carcinoma.

Clin Cancer Res. 1997 Sep;3(9):1473-7.

PMID: 9815833 [PubMed - indexed for MEDLINE]

- ☐ **9:** [Hu YX.](#) [Related Articles, Links](#)

[The development of x-ray machine mAs tester]

Zhongguo Yi Liao Qi Xie Za Zhi. 1997 Jan;21(1):53-5. Chinese.

PMID: 9644146 [PubMed - indexed for MEDLINE]

- ☐ **10:** [Hu YX, Watanabe H, Ohtsubo K, Yamaguchi Y, Ha A, Motoo Y, Okai T, Sawabu N.](#) [Related Articles, Links](#)

Infrequent expression of p21 is related to altered p53 protein in pancreatic carcinoma.

Clin Cancer Res. 1998 May;4(5):1147-52.

PMID: 9607571 [PubMed - indexed for MEDLINE]

- ☐ **11:** [O'Neill FJ, Frisque RJ, Xu X, Hu YX, Carney H.](#) [Related Articles, Links](#)

Immortalization of human cells by mutant and chimeric primate polyomavirus T-antigen genes.

Oncogene. 1995 Mar 16;10(6):1131-9.

PMID: 7700639 [PubMed - indexed for MEDLINE]

- ☐ **12:** [Fu YL, Hu YX, Lin HL.](#) [Related Articles, Links](#)

[Diagnosis between condyloma acuminatum and pseudocondyloma in lower female genital tract as determined by a PCR-based method]

Zhonghua Fu Chan Ke Za Zhi. 1994 Jan;29(1):16-8, 59-60. Chinese.

PMID: 8033617 [PubMed - indexed for MEDLINE]

- ☐ **13:** [Yu YF, Hu YX, Zhu P.](#) [Related Articles, Links](#)

[A pathological analysis of 51 cases of renal osteodystrophy]

Zhonghua Nei Ke Za Zhi. 1993 Jul;32(7):448-50. Chinese.

PMID: 8275821 [PubMed - indexed for MEDLINE]

- ☐ **14:** [Hu YX.](#) [Related Articles, Links](#)

[Analysis of the therapeutic effect of radial keratotomy]

Chung Hua Yen Ko Tsa Chih. 1992 Nov;28(6):324-7. Chinese.

PMID: 1306462 [PubMed - indexed for MEDLINE]

- ☐ **15:** [Liu D, Xu ZB, Hu YX.](#) [Related Articles, Links](#)

[The significance of immunoblot in serodiagnosis of cysticercosis cellulosae]
Zhonghua Nei Ke Za Zhi. 1991 Apr;30(4):233-5, 255. Chinese.
PMID: 1874092 [PubMed - indexed for MEDLINE]

☐ **16:** [Chen JP, Zhang XY, Tan W, Liu MF, Liu GL, Hu YX.](#) [Related Articles, Links](#)

[Determination of circulating antigen in cysticercosis patients using
McAb-based ELISA]

Zhongguo Ji Sheng Chong Xue Yu Ji Sheng Chong Bing Za Zhi. 1991;9(2):122-5. Chinese.
PMID: 1873884 [PubMed - indexed for MEDLINE]

☐ **17:** [Hu YX, Miao YG, Wang HW, Sun YC.](#) [Related Articles, Links](#)

[Experimental observation on the effectiveness of pirimiphos methyl against
Anopheles sinensis]

Zhongguo Ji Sheng Chong Xue Yu Ji Sheng Chong Bing Za Zhi. 1988;6(1):4-7. Chinese. No
abstract available.
PMID: 3383392 [PubMed - indexed for MEDLINE]

☐ **18:** [Iwanami H, Shimizu T, Anzai Y, Narita K, Ohya N, Hu YX.](#) [Related Articles, Links](#)

[Combined surgery of pulmonary vein reconstruction in two cases with
advanced pulmonary cancer]

Nippon Kyobu Geka Gakkai Zasshi. 1987 Apr;35(4):548-54. Japanese. No abstract available.
PMID: 3624939 [PubMed - indexed for MEDLINE]

☐ **19:** [Cao WJ, Hu RY, Ren YH, Tan W, Hu YX, Zhong HL.](#) [Related Articles, Links](#)

Isolation of *Toxoplasma gondii* from a disomus with hydrocephalus in the
Beijing area.

Chin Med J (Engl). 1986 Dec;99(12):987-9. No abstract available.
PMID: 3105979 [PubMed - indexed for MEDLINE]

☐ **20:** [Hu YX.](#) [Related Articles, Links](#)

[Steroid cataract complicating kidney transplantation]

Chung Hua Yen Ko Tsa Chih. 1984 Sep;20(5):267-70. Chinese. No abstract available.
PMID: 6442667 [PubMed - indexed for MEDLINE]

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WEST Search History

DATE: Monday, February 10, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
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DB=EPAB; PLUR=YES; OP=ADJ

L6	papillomavirus and E2.clm.	0	L6
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L5	papillomavirus and E2	11	L5
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L4	Hu y x.in.	0	L4
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DB=JPAB; PLUR=YES; OP=ADJ

L3	Hu y x.in.	0	L3
----	------------	---	----

DB=DWPI; PLUR=YES; OP=ADJ

L2	Hu y x.in.	1	L2
----	------------	---	----

L1	Hu x y.in.	0	L1
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END OF SEARCH HISTORY